



Express Mail Mailing Label No.: EV 334229382 US

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	MFL-003
First Named Inventor	Yu
Title	APPARATUS AND METHODS FOR PERFORMING PROCESS SIMULATION USING A HYBRID MODEL

APPLICATION ELEMENTS

1. Fee Transmittal Form (with copy)

2. Small Entity Status
 Applicant claims small entity status
 Status established in prior application and is still proper and desired

3. Specification and Drawings [Total Pages 83]
- Written Description - (55 pages)
- Claims - (11 pages)
- Abstract - (1 page)
- Sheets of Drawings - (16 sheets)
 Formal
 Informal

4. Oath or Declaration [Total Pages]
a. Newly executed (original)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]

5. Incorporation by Reference (usable if Box 4b is checked)
The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. Application Data Sheet (2 pgs.)

7. Nucleotide and/or Amino Acid Sequence Submission
 Computer Readable Form (CRF)
 Paper Copy (identical to computer copy)
 CD (2 copies) (identical to computer copy)
 Statement verifying identity of above copies

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ACCOMPANYING APPLICATION PARTS

8. 37 CFR 3.73(b) Statement (*when there is an assignee*)
 Power of Attorney

9. English Translation Document (*if applicable*)

10. Information Disclosure Statement (IDS)/PTO-1449
 Copies of IDS Citations

11. Preliminary Amendment
 Drawings [Total Sheets]

12. Return Receipt Postcard (*specifically itemized*)

13. Certified Copy of Priority Document(s) (*if foreign priority claimed*)

14. Nonpublication Request Under 35 U.S.C. 122(b)

15. CD in duplicate for large table or computer program

16. Other:

- Petition For Use of Color Drawings as Formal Drawings Under 37 C.F.R. § 1.84(a)(2) (2 pgs.)
- 3 sets of color drawings (6 sheets)
- one set of black and white photocopies of color drawings (2 sheets)

17. If a CONTINUING APPLICATION: Amend the specification by inserting on page 1, before the first line, the sentence:
--This is a
 continuation divisional continuation-in-part of prior application Serial No. / , filed on , , the entire disclosure of which is incorporated by reference herein.--

Priority to the above application(s) is claimed under 35 U.S.C. 120.

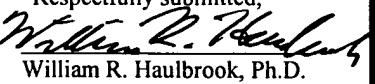
Prior application information: Examiner: _____ Group/Art Unit: _____

18. Priority - 35 U.S.C. 119 Priority of application Serial No. 60/445,182 filed on February 5, 2003 in U.S. is claimed under 35 U.S.C. 119.**CORRESPONDENCE ADDRESS**

Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibeault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100
Customer No. 021323

SIGNATURE BLOCK

Date: February 4, 2004
Reg. No.: 53,002
Tel. No.: (617) 310-8427
Fax No.: (617) 248-7100

Respectfully submitted,

William R. Haulbrook, Ph.D.
Attorney for Applicants
Testa, Hurwitz & Thibeault, LLP
High Street Tower
125 High Street
Boston, MA 02110

16834 10/77/39 U.S.PTO 020404

FEE TRANSMITTAL
FY 2004

Complete if Known	
Application Serial Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Yu
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	MFL-003

METHOD OF PAYMENT

1. Payment Enclosed:
 Check Money Order Other

2. The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.
 Required Fees (copy of this sheet enclosed).
 Additional fee required under 37 CFR 1.16 and 1.17.
 Overpayment Credit.
3. Applicant claims small entity status.

FEE CALCULATION**1. FILING FEE**

Large Entity		Fee (\$)		Fee Description	Fee Paid
770	Utility filing fee			\$ 770.00	
340	Design filing fee				
160	Provisional filing fee				\$ 130.00
		Number Filed	Number Extra	Rate	Amount
Total Claims	84	- 20 = <u>64</u>		x \$ 18.00	\$1,152.00
				=	
Independent Claims	5	- 3 = <u>2</u>		x \$ 86.00	\$172.00
				=	
<input type="checkbox"/> Multiple Dependent Claim(s), if any				\$290.00	
				=	
					TOTAL: \$2,094.00
					SMALL ENTITY DISCOUNT: \$1,047.00
					SUBTOTAL (1) (\$ 1,047.00)

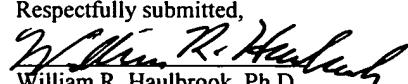
2. AMENDMENT CLAIM FEES

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	SUBTOTAL (3) (\$ 130.00)
Total	-	=	x \$ 18.00	=	
Indep.	-	=	x \$ 86.00	=	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$290.00	=	
					SUBTOTAL (1) \$1,047.00
					SUBTOTAL (2) 0
					SUBTOTAL (3) 130.00
					TOTAL (\$ 1,177.00)

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SIGNATURE BLOCK	
Respectfully submitted,  William R. Haulbrook, Ph.D. Attorney for the Applicants Testa, Hurwitz & Thibeault, LLP High Street Tower-125 High Street Boston, MA 02110	

PATENT
Attorney Docket No.: MFL-003
(5407/9)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: *Yu et al.*
SERIAL NO.: Not yet assigned GROUP NO.: Not Yet Assigned
FILING DATE: Herewith EXAMINER: Not Yet Assigned
TITLE: APPARATUS AND METHODS FOR PERFORMING PROCESS
SIMULATION USING A HYBRID MODEL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**PETITION FOR USE OF COLOR DRAWINGS AS FORMAL DRAWINGS
UNDER 37 C.F.R. § 1.84(a)(2)**

Applicants submit this petition to request acceptance of color drawings as formal drawings in the above-referenced U.S. patent application. As required under 37 C.F.R. § 1.84(a)(2), Applicants herein include:

- the fee set forth in § 1.17(h);
- three (3) sets of color drawings; and
- a black and white photocopy that accurately depicts, to the extent possible, the subject matter shown in the color drawings.

The paragraph required by § 1.84(a)(2)(iv) is already present in the Brief Description of the Drawings section of the Specification of the above-referenced U.S. patent application.

In accordance with § 1.84(a)(2) and § 1.17(h), this petition is accompanied by a check for the petition filing fee of \$130.00. However, should any other fees be required for this petition to be considered, the Commissioner is authorized to charge deposit account number 20-0531.

Applicants submit that all requirements of 37 C.F.R. § 1.84(a)(2) and § 1.17(h) are satisfied, and Applicants respectfully request that the color drawings be accepted as formal drawings in the above-referenced nonprovisional U.S. patent application.

Respectfully submitted,



William R. Haulbrook, Ph.D.
Attorney for Applicants
Testa, Hurwitz, & Thibeault, LLP
High Street Tower
125 High Street
Boston, Massachusetts 02110

Date: February 4, 2004
Reg. No.: 53,002

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